# PATENT COOPERATION TREATY

# **PCT**

#### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220		
CF018117W0	ACTION	as wel	II as, where applicable, item 5 below.		
International application No.	International filing date (day/month	(year)	(Earliest) Priority Date (day/month/year)		
PCT/JP2004/006348	30/04/2004		08/05/2003		
Applicant					
CANON KABUSHIKI KAISHA					
This International Search Report has been according to Article 18. A copy is being tra	• •	_	hority and is transmitted to the applicant		
This International Search Report consists	of a total of she	ets.			
X It is also accompanied by	a copy of each prior art document ci	ed in this	report.		
	international search was carried out e ess otherwise indicated under this ite		sis of the international application in the		
The international this Authority (Ru		of a transl	ation of the international application furnished to		
b. With regard to any nucleo	otide and/or amino acid sequence	disclosed	in the international application, see Box No. I.		
2. Certain claims were fou	nd unsearchable (See Box II).				
3. Unity of invention is lac	king (see Box III).				
4. With regard to the title,		·			
X the text is approved as su	ibmitted by the applicant.				
the text has been establis	shed by this Authority to read as follow	vs:			
			•		
5. With regard to the abstract,					
	ibmitted by the applicant.	t - A Al a -	in and a suppose in Day No. 10/ The applicant		
			ity as it appears in Box No. IV. The applicant report, submit comments to this Authority.		
6. With regards to the <b>drawings</b> ,					
	oublished with the abstract is Figure I	No1_			
X as suggested by		- جدامها			
	is Authority, because the applicant fa				
	is Authority, because this figure bette  on published with the abstract	i charact	enzes tre invention.		
b none of the figures is to b	e published with the abstract.				

### INTERNATIONAL SEARCH REPORT

International Application No PCT/JP2004/006348

A. CLASS IPC 7	COSF8/00 COSG65/00 CO7C69/	00								
	o International Patent Classification (IPC) or to both national classific	cation and IPC								
	SEARCHED  ocumentation searched (classification system followed by classification)	ion symbols)								
IPC 7	C08F C08G C07C									
Documenta	tion searched other than minimum documentation to the extent that s	such documents are included in the fields se	arched							
Electronic d	ata base consulted during the international search (name of data ba	ase and, where practical, search terms used								
EPO-In	ternal	•-								
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT									
Category °	Citation of document, with indication, where appropriate, of the rel	levant passages	Relevant to claim No.							
Α	US 4 758 348 A (ISHIHARA KAZUHIKO 19 July 1988 (1988-07-19) the whole document	O ET AL)	1-13							
Α	US 5 169 983 A (FIELDING HAROLD ( 8 December 1992 (1992-12-08) the whole document	C ET AL)	1-13							
Α	US 5 897 940 A (MALHOTRA SHADI L) 27 April 1999 (1999-04-27) the whole document	)	1-13							
Further documents are listed in the continuation of box C.     X   Patent family members are listed in annex.										
° Special ca	legories of cited documents :	*T* later document published after the inter								
consid	ent defining the general state of the art which is not ered to be of particular relevance	or priority date and not in conflict with cited to understand the principle or the invention								
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	actual completion of the international search	Date of mailing of the international sear	· · · · · · · · · · · · · · · · · · ·							
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Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  Authorized officer										
	NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Trauner, H-G								

## INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No PCT/JP2004/006348

		-	ES FI JP JP NO US ZA ZW	0331321 2063121 890980 1282205 2831021 890847 5001163 8901313 2889	T3 A A B2 A,B, A	01-01-1995 02-09-1989 14-11-1989 02-12-1998 04-09-1989 19-03-1991 29-11-1989 03-01-1990
			ES FI JP JP NO US	2063121 890980 1282205 2831021 890847 5001163	T3 A A B2 A,B,	01-01-1995 02-09-1989 14-11-1989 02-12-1998 04-09-1989 19-03-1991
			ES FI JP JP NO	2063121 890980 1282205 2831021 890847	T3 A A B2 A ,B,	01-01-1995 02-09-1989 14-11-1989 02-12-1998 04-09-1989
			ES FI JP JP	2063121 890980 1282205 2831021	T3 A A B2	01-01-1995 02-09-1989 14-11-1989 02-12-1998
			ES FI JP	2063121 890980 1282205	T3 A A	01-01-1995 02-09-1989 14-11-1989
			ES FI	2063121 890980	T3 A	01-01-1995 02-09-1989
			ES	2063121	T3	01-01-1995
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				0331321	76	00-03-1303
			EP		A2	06-09-1989
						02-03-1995
						01-12-1994
						17-10-1990
					_	11-10-1989
						13-10-1998
						24-10-1989
						10-10-1991
						03-09-1992
						07-09-1989
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US 5169983	Λ	08_12_1002	 ΔΤ	113300	 т	 15-11-1994
			EP	0190647	A2	13-08-1986
		•		61250012	Α	07-11-1986
			JP	·		08-08-1986
58348	Α	19-07-1988	JP	61178002	Α	09-08-1986
earch report		oate		member(s)		date
` .		58348 A	earch report date 58348 A 19-07-1988	58348 A 19-07-1988 JP JP JP EP	earch report date member(s)  58348 A 19-07-1988 JP 61178002	Bearch report date member(s)  58348 A 19-07-1988 JP 61178002 A JP 61176608 A JP 61250012 A EP 0190647 A2  69983 A 08-12-1992 AT 113300 T AU 615262 B2 AU 3074489 A AU 627995 B2 AU 8135891 A BR 8900951 A CA 1340086 C CN 1036212 A DD 283637 A5 DE 68918965 D1